APPENDIX C
CORPS ENGINEER REPORTS

Timely accurate, and focused engineer information flow is critical to the mission success of corps, divisions, separate brigades, and cavalry regiments. This appendix provides information concerning standardized engineer reports developed by North Atlantic Treaty Organization (NATO) working groups and provides a sample corps engineer report template. Both pieces of information may be used by corps engineer units to develop specific engineer reporting formats for use in SOPs, training exercises, and combat operations.

NATO STANDARDIZATION AGREEMENT REPORT FORMATS

Engineer report formats have been developed by NATO engineer working groups. They are in use at the brigade through corps level. These formats may be applicable to all engineer units operating in a corps area. Refer to NATO Standardization Agreement (STANAG) 2096 for specific line-by-line formats. STANAGs are available upon request from the Naval Publications and Forms Center, 700 Robbins Avenue, Building 4, Section D, Philadelphia, Pennsylvania 19111-5094. Developed STANAG engineer report formats include:

E201 - ENGINEER RECONNAISSANCE

The E201 Engineer Reconnaissance Report is used to order the reconnaissance of mobility, countermobility, survivability and general engineering support tasks. The E201 Engineer Reconnaissance Report is also used to pass key information back to the appropriate headquarters, accompanied by copies of the specific reconnaissance reports as enclosures.

E202 - ENGINEER ANNEX

The E202 Engineer Annex is used to transmit all essential information required in the Engineer Annex of a corps, division, separate brigade, or cavalry regiment OPORD.

E203 - ENGINEER REPORT

The E203 Engineer Report (ENGREP) is used to report mobility countermobility, survivability, and general engineer support task progress and unit combat effectiveness.

E204 - ENGINEER DATA REPORT

The E204 Engineer Data Report (ENGDATAREP) is used to provide detailed information about the number of effective engineer units by type, generic equipment types in terms of availability, and committed and uncommitted major items of material.

CORPS ENGINEER REPORT TEMPLATE

The sample template depicted in Figure C-1, page C-3, provides a list of key information items that may be required by any engineer headquarters in the corps. The template is based on a five-paragraph OPORD format Not all of the listed information will be re-

quired by all units all of the time. The template is designed to be modified based on specific engineer headquarters information and mission requirements. Detailed reports in any specific area may be created by using this template. Specific formats of reports will vary based on the information sharing systems available.

ENGINEER SITUATION

As of: date-time group (DTG)
Engineer unit identification
Engineer unit location
Current task organization (two levels down)
Future task organization (As of: DTG)

ENGINEER INTELLIGENCE

Threat condition (THREATCON)/security level
Threat./NBC activity affecting engineer effort
MOPP level
Essential elements of engineer intelligence (EEEI)
- Construction materials
- Construction equipment
- Obstacle materials
- Reconnaissance data
  - Obstacles and rivers
  - MSRs

Overall intelligence assessment

ENGINEER MISSION

Command or support relationship
Priority of effort
Priority of support
Current engineer mission
Status of current engineer mission
Future engineer mission (As of: DTG)
Deep operations mission
Rear operations mission
Critical logistics affecting engineer mission
Minefield delegation authority
EWL location and parameters

CRITICAL ENGINEER OPERATIONS

Bridge and ferry operations
- Engineer unit
- Type of bridge, ferry, and minimum class load (MCL)
- Length of bridge available
- Current bridge, ferry location, and supporting unit
- Length committed
- Future bridge, ferry location, and supporting unit (As of DTG)
- Bridge park location
- Overall assessment

Breaching operations
- Engineer unit
- Current location, supporting unit, depth, and width
- Future location, supporting unit, depth, and width (As of: DTG)

Figure C-1. Sample template

Lane marking and designators
Overall assessment

Obstacle operations
Engineer unit
Obstacle zone designators, locations, and completion DTG
Obstacle belt designators, locations, intent, and completion DTG
Obstacle group designators, locations, intent, and completion DTG
Directed obstacle designators, locations, intent, and completion DTG
Reserve obstacle designators, locations, in! ent, and completion DTG
Obstacle turnover DTG/receiving unit
ORAs, locations, and effective DTG
Overall assessment
Survivability missions
Engineer unit
Center-of-mass location, supporting unit, survivability level, and completion DTG
Future location, supporting unit, and survivability level (As of: DTG)
Overall assessment
Construction missions
Engineer unit
Project type, designators, locations, supporting unit, and completion DTG
Future projects and locations (As of: DTG)
Quarry locations, type of materials, and effective DTG
Class IV supply-point locations and effective DTG
Water well-drilling locations and effective DTG
Contracting support
Overall assessment
Topographic missions
Engineer unit
Project type, designators, supporting unit, and completion DTG
Overall assessment
Fight-as-infantry missions
Engineer unit
Location, supporting unit, fire-support unit, and release DTG
Temporary equipment-park location
Overall assessment
Commander's assessment (green, amber, red, and black)
Mobility
Countermobility
Survivability
General engineering
Topographic engineering
Fight as infantry

CRITICAL ENGINEER LOGISTICS

Personnel status

Unit Type	On-hand	Committed	Available

(2 levels down)

Critical military occupational specialty (MOS) shortages
Overall assessment (green, amber, red, and black)

Figure C-1. Sample template (continued)

C-4 Corps Engineer Reports

Combat engineer equipment

Equipment Type	On-hand	Committed	Available
CEV			
AVLB bridge			
AVLB launcher			
ACE			
MICLIC			
Volcano			
Mine plow			
Mine roller			
Ribbon bridge (meters)			
MGB set			
Critical shortages			
Overall assessment			

Construction equipment

Equipment Tvpe	On-hand	Committed	Available
Dozer			
SEE			
Loader			
Grader			
Scraper			
Tractor			
Low-bed trailer			
Dump truck			
Crane			
Compaction			
Critical shortages			
Overall assessment			

Tactical equipment

Equipment Type	On-hand	Committed	Available
M113A3			
5-ton dump truck			
HMMWV			
2 1/2-ton cargo truck			
5-ton cargo truck			
Antitank weapons			
Machine guns			
Overall assessment			

Topographic equipment

Equipment Type	On-hand	Committed	Available
Terrain data processing			
Printing			
Overall assessment			

Supplies (days on hand)

Supply Type	On-hand	Assessment
Class I rations and water		
Class II consumables/expendables		

Figure C-1. Sample template (continued)

Class III fuel
Class IV construction
Class IV obstacle
Class V weapons ammunition
Class V demolitions, fuse, caps, cord, and MICLIC reload
Class V mines, fuses, antihandling devices (AHDs), and Volcano reload
Class VI sundry packs
Class VII end items
Class VIII medical
Class IX repair parts
Critical shortages
Overall assessment

Maintenance

Maintenance Level	Assessment
Organizational	
Organic DS	
D S	
G S	
Critical not-mission-capable (NMC) equipment	
Reason for NMC (parts and maintenance)	
Overall assessment	

ENGINEER COMMAND AND CONTROL

Current CP location
Future CP location (as of: DTG)

Information systems

Equipment Type	On-hand	Committed	Available
CNR			
ACUS			
ADDS			
Broadcast			
Computers			
Position and navigation			
Overall assessment			

Figure C-1. Sample template (continued)